# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 28 | "5595345" | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 15:42 |
| L2 | 54 | ("2646063" \| "3104813" \| "3104825" \| "3106347" \| "3134545" \| "3181797" \| "3201049" \| "3207443" \| "3381899" \| "3799453" \| "4057505" \| "4071463" \| "4113645" \| "4116851" \| "4382552" \| "4473328" \| "4789495" \| "4806263" \| "5039016" \| "5100059" \| "5213265" \| "5223168" \| "5290470" \| "5383603").PN. OR ("5595345").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 15:43 |
| L3 | 9 | ("2965309" \| "4204295" \| "4277030" \| "4613074" \| "5085371" \| "5445226" \| "5595345" \| "5850973").PN. OR ("6126089").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 15:46 |
| L4 | 19 | ("2965309").URPN. | USPAT | OR | OFF | 2007/03/27 15:46 |
| L5 | 16 | ("3381899").URPN. | USPAT | OR | OFF | 2007/03/27 15:52 |
| L6 | 230 | (hose with spray$3) same ((select$3 or rotata$4) near4 valve) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/27 17:16 |
| L7 | 54 | (hose with spray$3) same ((select$3 or rotata$4) near4 valve) and rins$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/27 15:53 |
| L8 | 15 | ("3967783"\|"4903897"\|"5722597" \|"6076743"\|"6270023"\|"6367710" \|"6367710"\|"6896201").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/27 16:03 |

| L9 | 178 | ("1071432"\|"2612403"\|"2761734"<br>\|"3034731"\|"3034731"\|"3186643"<br>\|"3186643"\|"3201049"\|"3204875"<br>\|"3212716"\|"3255972"\|"3333601"<br>\|"3610535"\|"3764074"\|"3770205"<br>\|"3940069"\|"3964689"\|"4033509"<br>\|"4057940"\|"4171070"\|"4315601"<br>\|"4349157"\|"4349157"\|"4369921"<br>\|"4369921"\|"4475689"\|"4508272"<br>\|"4527740"\|"4595127"\|"4600130"<br>\|"4736891"\|"4750674"\|"4767058"<br>\|"4901923"\|"4901923"\|"4923098"<br>\|"5007588"\|"5039016"\|"5039016"<br>\|"5100059"\|"5100059"\|"5183206"<br>\|"5213264"\|"5213265"\|"5213265"<br>\|"5320288"\|"5320288"\|"5356076"<br>\|"5372310"\|"5372310"\|"5375769"<br>\|"5383603"\|"5383603"\|"5595345"<br>\|"5626291"\|"5804082"\|"5853114"<br>\|"5881955"\|"5944259"\|"5954272"<br>\|"5954272"\|"5954273"\|"5957387"<br>\|"6012650"\|"6053374"\|"6068204"<br>\|"6102308"\|"6230982"\|"6240983"<br>\|"6254015"\|"6267303"\|"6283385"<br>\|"6345773"\|"6371385"\|"6378785"<br>\|"6378785"\|"6425534"\|"6425534"<br>\|"6461361"\|"6471141"\|"6471141"<br>\|"6578776"\|"6578776"\|"6604546"<br>\|"6672520"\|"6672520"\|"6708901"<br>\|"6749133"\|"6752297"\|"6772966"<br>\|"6772966"\|"6913209"\|"6948451"<br>\|"D284988"\|"H001691").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/27 16:03 |

| L10 | 87 | ("1071432"\|"2612403"\|"2761734" \|"3034731"\|"3034731"\|"3186643" \|"3186643"\|"3201049"\|"3204875" \|"3212716"\|"3255972"\|"3333601" \|"3610535"\|"3764074"\|"3770205" \|"3940069"\|"3964689"\|"4033509" \|"4057940"\|"4171070"\|"4315601" \|"4349157"\|"4349157"\|"4369921" \|"4369921"\|"4475689"\|"4508272" \|"4527740"\|"4595127"\|"4600130" \|"4736891"\|"4750674"\|"4767058" \|"4901923"\|"4901923"\|"4923098" \|"5007588"\|"5039016"\|"5039016" \|"5100059"\|"5100059"\|"5183206" \|"5213264"\|"5213265"\|"5213265" \|"5320288"\|"5320288"\|"5356076" \|"5372310"\|"5372310"\|"5375769" \|"5383603"\|"5383603"\|"5595345" \|"5626291"\|"5804082"\|"5853114" \|"5881955"\|"5944259"\|"5954272" \|"5954272"\|"5954273"\|"5957387" \|"6012650"\|"6053374"\|"6068204" \|"6102308"\|"6230982"\|"6240983" \|"6254015"\|"6267303"\|"6283385" \|"6345773"\|"6371385"\|"6378785" \|"6378785"\|"6425534"\|"6425534" \|"6461361"\|"6471141"\|"6471141" \|"6578776"\|"6578776"\|"6604546" \|"6672520"\|"6672520"\|"6708901" \|"6749133"\|"6752297"\|"6772966" \|"6772966"\|"6913209"\|"6948451" \|"D284988"\|"H001691").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/27 16:03 |
| L11 | 8 | ("3367353" \| "5836518").PN. OR ("6068204").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 16:05 |
| L12 | 19 | ("2233965" \| "2953160" \| "3139238" \| "3231200" \| "3473481").PN. OR ("3610535"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 16:11 |
| L13 | 5 | ("1071432").URPN. | USPAT | OR | OFF | 2007/03/27 16:12 |

| L14 | 89 | ("1071432" \| "20030192964" \| "20050098656" \| "2612403" \| "2761734" \| "3034731" \| "3186643" \| "3201049" \| "3204875" \| "3212716" \| "3255972" \| "3333601" \| "3610535" \| "3764074" \| "3770205" \| "3940069" \| "3964689" \| "4033509" \| "4057940" \| "4171070" \| "4315601" \| "4349157" \| "4369921" \| "4475689" \| "4508272" \| "4527740" \| "4595127" \| "4600130" \| "4736891" \| "4750674" \| "4767058" \| "4901923" \| "4923098" \| "5007588" \| "5039016" \| "5100059" \| "5183206" \| "5213264" \| "5213265" \| "5320288" \| "5356076" \| "5372310" \| "5375769" \| "5383603" \| "5595345" \| "5626291" \| "5804082" \| "5853114" \| "5881955" \| "5944259" \| "5954272" \| "5954273" \| "5957387" \| "6012650" \| "6053374" \| "6068204" \| "6102308" \| "6230982" \| "6240983" \| "6254015" \| "6267303" \| "6283385" \| "6345773" \| "6371385" \| "6378785" \| "6425534" \| "6461361" \| "6471141" \| "6578776" \| "6604546" \| "6672520" \| "6708901" \| "6749133" \| "6752297" \| "6772966" \| "6913209" \| "6948451" \| "D284988" \| "H001691").PN. OR ("7188786"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 16:33 |
|-----|----|------|------|------|------|------|
| L15 | 1 | ("4284435").PN. | USPAT; USOCR | OR | OFF | 2007/03/27 16:33 |
| L16 | 1 | ("4664848").PN. | USPAT; USOCR | OR | OFF | 2007/03/27 16:33 |
| L17 | 1 | ("4347168").PN. | USPAT; USOCR | OR | OFF | 2007/03/27 16:33 |
| L18 | 1 | ("4333862").PN. | USPAT; USOCR | OR | OFF | 2007/03/27 16:34 |
| L19 | 1 | ("5605578").PN. | USPAT; USOCR | OR | OFF | 2007/03/27 16:34 |

| L20 | 21 | ("4057505" \| "4071463" \| "4113645" \| "4116851" \| "4789495" \| "4806263" \| "5290470").PN. OR ("5605578"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 16:35 |
|-----|-----|---|---|---|---|---|
| L21 | 81 | ("2246211" \| "2302799" \| "2646063" \| "2719704" \| "2965309" \| "3104813" \| "3104825" \| "3106347" \| "3181797" \| "3201049" \| "3381899" \| "4057505" \| "4071463" \| "4113645" \| "4116851" \| "4355739" \| "4489890" \| "4527741" \| "4570856" \| "4618077" \| "4747523" \| "4789495" \| "4801046" \| "4806263" \| "4964539" \| "5009342" \| "5039016" \| "5052590" \| "5071070" \| "5100059" \| "5143261" \| "5152461" \| "5213265" \| "5223168" \| "5290470" \| "5320288" \| "5332157" \| "5370275" \| "5376296" \| "5383603" \| "5385270" \| "5398846" \| "5402916" \| "5433350" \| "5439141" \| "5467900" \| "5472119" \| "5535950" \| "5544810" \| "5560545" \| "5562250" \| "5564600" \| "5566860" \| "5567247" \| "5586695" \| "5595345" \| "5605578" \| "5626259" \| "5676280" \| "5676282" \| "5713519" \| "5735422" \| "5906319" \| "D356026").PN. OR ("6283385").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 16:35 |

| L22 | 66 | ("0868715" \| "2739843" \| "2813751" \| "2829006" \| "2998934" \| "3021079" \| "3033472" \| "3178118" \| "3258207" \| "3416709" \| "3606154" \| "3716190" \| "3799914" \| "4103827" \| "4138036" \| "4397422" \| "4718738" \| "4781329" \| "4824017" \| "4854504" \| "4903718" \| "4928884" \| "4936511" \| "4971251" \| "5005736" \| "5031798" \| "5059036" \| "5100060" \| "5135172" \| "5143294" \| "5147272" \| "5246163" \| "5254073" \| "5255852" \| "5303865" \| "5346135" \| "5360144").PN. OR ("5713519").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 16:36 |
|-----|-----|-----|-----|-----|-----|-----|
| L23 | 20 | ("4355739" \| "5009342" \| "5152431" \| "5152461").PN. OR ("5433350").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 16:39 |
| L24 | 52 | ("2509671" \| "2605938" \| "2623662" \| "2837374" \| "3186643" \| "3770205" \| "3897006" \| "4583688" \| "4653691" \| "4676437" \| "4750674" \| "4767058" \| "5007588" \| "5039016" \| "5064168" \| "5100059").PN. OR ("5383603").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 16:47 |

# EAST Search History

| L25 | 89 | ("1071432" \| "20030192964" \| "20050098656" \| "2612403" \| "2761734" \| "3034731" \| "3186643" \| "3201049" \| "3204875" \| "3212716" \| "3255972" \| "3333601" \| "3610535" \| "3764074" \| "3770205" \| "3940069" \| "3964689" \| "4033509" \| "4057940" \| "4171070" \| "4315601" \| "4349157" \| "4369921" \| "4475689" \| "4508272" \| "4527740" \| "4595127" \| "4600130" \| "4736891" \| "4750674" \| "4767058" \| "4901923" \| "4923098" \| "5007588" \| "5039016" \| "5100059" \| "5183206" \| "5213264" \| "5213265" \| "5320288" \| "5356076" \| "5372310" \| "5375769" \| "5383603" \| "5595345" \| "5626291" \| "5804082" \| "5853114" \| "5881955" \| "5944259" \| "5954272" \| "5954273" \| "5957387" \| "6012650" \| "6053374" \| "6068204" \| "6102308" \| "6230982" \| "6240983" \| "6254015" \| "6267303" \| "6283385" \| "6345773" \| "6371385" \| "6378785" \| "6425534" \| "6461361" \| "6471141" \| "6578776" \| "6604546" \| "6672520" \| "6708901" \| "6749133" \| "6752297" \| "6772966" \| "6913209" \| "6948451" \| "D284988" \| "H001691").PN. OR ("7188786"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 16:48 |
|-----|----|------|------|------|------|------|
| L26 | 67 | (hose with spray$3) same (water with (resin or purifier or charcoal or purif$5)) and (wash$4 or rins$3 or clean$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/27 17:23 |

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|---|---|---|---|---|---|---|
| L27 | 44 | ("20020179535"\|"3940069"\|"4242201"\|"4475689"\|"4628644"\|"4752034"\|"4754928"\|"4901923"\|"5110479"\|"5332158"\|"5681463"\|"5758825"\|"5830360"\|"6016977"\|"6158258"\|"6264119"\|"6375094"\|"6378789"\|"D110841"\|"D235872"\|"D235872"\|"D252097"\|"D364673"\|"D422055").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/27 17:22 |
| L28 | 68 | (hose with spray$3) same (water with (demineraliz$3 or resin or purifier or charcoal or purif$5)) and (wash$4 or rins$3 or clean$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/27 18:07 |
| L29 | 0 | ("(charleswithhawes).in.").PN. | USPAT; USOCR | OR | OFF | 2007/03/27 18:07 |
| L30 | 12 | (charles with hawes).in. | USPAT | OR | OFF | 2007/03/27 18:08 |
| L31 | 224 | (thomas with jackson).in. | USPAT | OR | OFF | 2007/03/27 18:08 |
| L32 | 24 | ("1592882" \| "1943606" \| "2312189" \| "3056153" \| "3236455" \| "3321331" \| "3748050" \| "3832069" \| "4191589" \| "4903364" \| "5028004" \| "5029758" \| "5336012" \| "5456412" \| "5619766" \| "5769324").PN. OR ("6158678").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 18:24 |
| S1 | 1 | ("4826594").PN. | USPAT; USOCR | OR | OFF | 2007/03/27 12:37 |
| S2 | 42 | ("3342340" \| "4151092" \| "4212743" \| "4368123" \| "4578187" \| "4681677" \| "4686037").PN. OR ("4826594").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 13:03 |
| S3 | 1 | ("6869028").PN. | USPAT; USOCR | OR | OFF | 2007/03/27 13:03 |

| S4 | 110 | ("1872058" \| "20020045010" \| "20020046969" \| "20020102359" \| "20020108640" \| "20020144712" \| "20020160224" \| "20020160924" \| "20020176982" \| "20020179535" \| "20020185420" \| "20030017960" \| "2078543" \| "2772120" \| "2801941" \| "3339841" \| "3355018" \| "3382177" \| "3459334" \| "3464631" \| "3502215" \| "3507798" \| "3658590" \| "3658712" \| "3776850" \| "3911938" \| "3915738" \| "3928065" \| "3940069" \| "3954644" \| "4242201" \| "4253842" \| "4294729" \| "4307840" \| "4368146" \| "4442003" \| "4475689" \| "4591449" \| "4597886" \| "4628644" \| "4715391" \| "4752034" \| "4754928" \| "4764047" \| "4785850" \| "4901923" \| "4967960" \| "4969603" \| "5057152" \| "5098023" \| "5110479" \| "5192025" \| "5238595" \| "5332158" \| "5429867" \| "5562824" \| "5595345" \| "5595451" \| "5630548" \| "5647977" \| "5662273" \| "5681463" \| "5721306" \| "5758825" \| "5759980" \| "5782988" \| "5830360" \| "5850973" \| "5853809" \| "5962388" \| "5964415" \| "6016977" \| "6125860" \| "6158258" \| "6225434" \| "6264119" \| "6284124" \| "6342473" \| "6369019" \| "6375094" \| "6378789" \| "6484735" \| "6520190" \| "6527196" \| "6537957" \| "6562142" \| "6569261" \| "6716805" \| "D110841" \| "D235872" \| "D252097" \| "D364673" \| "D422055").PN. OR ("6869028"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 13:03 |

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|---|---|---|---|---|---|---|
| S5 | 19 | ("20020045010" \| "20020102359" \| "4368146" \| "4591449" \| "4597886" \| "5429867" \| "5759980" \| "5853809" \| "5962388" \| "6225434").PN. OR ("6562142").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 13:05 |
| S6 | 12 | ("5850973").URPN. | USPAT | OR | OFF | 2007/03/27 13:11 |
| S7 | 50 | ("2646063" \| "3104813" \| "3104825" \| "3106347" \| "3134545" \| "3181797" \| "3201049" \| "3207443" \| "3381899" \| "3799453" \| "4057505" \| "4071463" \| "4113645" \| "4116851" \| "4382552" \| "4473328" \| "4789495" \| "4806263" \| "4956883" \| "5039016" \| "5100059" \| "5213265" \| "5223168" \| "5290470" \| "5332158" \| "5375769" \|. "5383603" \| "5454516" \| "5595345").PN. OR ("5850973"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/27 15:42 |